

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method for providing discounts for items in an automatic transaction machine comprising:
validating cash or a card and validating a discount means provided by a user to the automatic transaction machine, wherein the discount means has ~~having~~ an associated discount value;
detecting a selection of an item or a group of items, each having a preset vending price;
and
discounting the vending price of the item or group of items according to the discount value.
2. (Original) The method of claim 1 further comprising:
processing the discount value as a phantom coin signal.
3. (Original) The method of claim 1 further comprising providing an item or service if the vending price is matched or exceeded.
4. (Original) The method of claim 3 further comprising:
terminating the vending operation before the item or the group of items is vended; and
returning a validated card but not the discount means.
5. (Original) The method of claim 3 further comprising:
terminating the vending operation before the item or the group of items is vended; and

returning a validated card and the discount means.

6. (Original) The method of claim 1 further comprising:

terminating the vending operation before the item or the group of items are vended; and
returning the validated cash or card, and cash corresponding to the discount value.

7. (Original) The method of claim 1 further comprising validating the discount means
only during a pre-determined time period.

8. (Original) The method of claim 1 further comprising allowing vend items to be
discounted by the discount value for a preset period of time upon validating the discount means.

9. (Original) The method of claim 1 further comprising varying the discount value
according to the selected item or group.

10. (Original) The method of claim 1 further comprising varying the discount value
according to a preset time period and the selected item or group.

11. (Original) The method of claim 3 further comprising:

returning change for the total value of the validated cash plus the discount value less the
total vending price of the selected item or group, or the total value of the validated cash less the
sum of the total vending price and the discount value upon dispensing the item or group of items.

12. (Original) The method according to claim 1 further comprising:

rejecting and returning any additional discount means after one discount means has been
validated.

13. (Original) The method according to claim 1 further comprising:

accepting and validating a number of discount means each with a discount value to give a cumulative discount per transaction of the vend item selected.

14. (Original) The method according to claim 1 further comprising:
determining the discount value based on the selection of the item or the group and the time.

15. (Original) The method according to claim 1 further comprising dispensing a discount token or coupon.

16. (Original) The method according to claim 15 further comprising:
dispensing the discount token or coupon only if no discount means has been used to purchase the vend item.

17. (Original) The method according to claim 1 further comprising:
waiting for additional deposit of cash or card or discount means if the total value of the validated cash or card is less than the total vending price of the selected item or group less the discount value.

18. (Original) The method according to claim 1 further comprising:
waiting for additional deposit of cash or card or discount means if the total value of the validated cash or card and the discount value is less than the total vending price of the selected item or group.

19. (Original) The method of claim 1 further comprising:
calculating the discount value as a fractional value of the vending price of the selected item or group.

20. (Original) The method of claim 1 further comprising:
validating the discount means by reading information off the discount means, the
information containing the discount value.

21. (Original) The method of claim 1 further comprising: reading information off the
discount means and updating information on the discount means during validation of the
discount means, and returning the discount means for reuse.

22. (Original) The method of claim 21 further comprising reading the number of times
the discount means was used to vend an item or a group of items off the discount means; and
updating the number of times the discount means is used to vend an item of a group of items on
the discount means.

23. (Original) The method of claim 22 providing a bonus if the number of times the
discount means was used equals a preset number.

24. (Original) The method of claim 23 wherein the bonus is a fractional value of the
vending price and greater than the discount value.

25. (Currently amended) An article comprising a computer-readable medium that stores
computer-executable instructions for causing a computer system to:
validate cash or a card and validate a discount means provided by a user to an automatic
transaction machine, wherein the discount means has ~~having~~ an associated discount value;
detect a selection of an item or a group of items, each having a preset vending price; and
discount the vending price of the item or group of items according to the discount value
of the discount means.

26. (Original) The article according to claim 25 further including instructions for causing the computer system to:

converting the discount value into a phantom coin signal.

27. (Original) The article according to claim 25 further including instructions for causing the computer system to:

terminate vending an item, and

return the validated cash or card but not the discount means.

28. (Original) The article according to claim 25 further including instructions for causing the computer system to:

terminate vending an item, and

return the validated cash or card and the discount means.

29. (Original) The article according to claim 25 further including instructions for causing the computer system to:

terminate vending an item, and

return the validated cash or card, and cash corresponding to the discount value.

30. (Original) The article according to claim 25 further including instructions for causing the computer system to:

validate the discount means only during a pre-determined time period.

31. (Original) The article according to claim 25 further including instructions for causing the computer system to:

allow vend items to be discounted by the discount value for a preset period of time upon validating the discount means.

32. (Original) The article according to claim 25 further including instructions for causing the computer system to:

vary the discount value according to the selected item or group.

33. (Original) The article according to claim 25 further including instructions for causing the computer system to:

vary the discount value according to a preset time and the selected item or group.

34. (Original) The article according to claim 25 further including instructions for causing the computer system to:

return change for the total value of the validated cash plus the discount value less the total vending price of the selected item or group, or the total value of the validated cash less the sum of the total vending price and the discount value upon dispensing the item or group of items.

35. (Original) The article according to claim 25 further including instructions for causing the computer system to:

reject and return any additional discount means after one discount means has been validated.

36. (Original) The article according to claim 25 further including instructions for causing the computer system to:

accept and validate a number of discount means each with a discount value to give a cumulative discount per transaction of the vend item selected.

37. (Original) The article according to claim 25 further including instructions for causing the computer system to:

determine the discount value by considering the selection of the item or group and the time.

38. (Original) The article according to claim 25 further including instructions for causing the computer system to:

dispense a discount token or coupon.

39. (Original) The article according to claim 38 further including instructions for causing the computer system to:

dispense the discount token or coupon only if no discount means has been used to purchase the vend item.

40. (Original) The article according to claim 25 further including instructions for causing the computer system to:

wait for additional deposit of cash or card or discount means and for selection of another item or group if the total value of the validated cash or card is less than the total vending price of the selected vend item or group less the discount value.

41. (Original) The article according to claim 25 further including instructions for causing the computer system to:

wait for additional deposit of cash or card or discount means and for selection of another item or group if the total value of the validated cash or card and the discount value is less than the total vending price of the selected vend item or group.

42. (Original) The article according to claim 25 further including instructions for causing the computer system to:

calculate the discount value as a fractional value of the vending price of the selected item or group.

43. (Original) The article according to claim 25 further including instructions for causing the computer system to:

validate the discount means by reading information off the discount means, the information containing the discount value.

44. (Original) The article according to claim 25 further including instructions for causing the computer system to:

read information off the discount means; and

update information on the discount means during validation of the discount means; and

return the discount means for reuse.

45. (Original) The article according to claim 25 further including instructions for causing the computer system to:

read the number of times the discount means was used to vend an item or a group of items off the discount means; and

update the number of times the discount means is used to vend an item of a group of items on the discount means.

46. (Original) The article according to claim 45 further including instructions for causing the computer system to:

give a bonus if the number of times the discount means was used equals a preset number.

47. (Original) The article according to claim 46 further including instructions for causing the computer system to:

give the bonus at a fractional value of the vending price but greater than the discount value.

48. (Original) The article according to claim 45 further including instructions for causing the computer system to:

give the bonus equal to the vending price.

49. (Currently amended) A discount device for an automatic vending machine comprising:

a validating means for validating a discount means provided by a user to the automatic transaction machine, wherein the discount means has ~~having~~ a discount value;

a coin mechanism connected to the validating means, for converting the discount value into a signal and processing a preset vending price of a vend item or group of vend items and the discount value; and

a control means connected to the coin mechanism, for receiving the signal from the coin mechanism and controlling the vending of the vend item or the group of vend items.

50. (Original) The device according to claim 49 wherein the signal of the discount value is a phantom coin signal.

51. (Original) The device according to claim 49 further comprising a cash validating means for validating cash.

52. (Original) The device according to claim 49 further comprising a card validating means for validating a card.

53. (Original) The device according to claim 49 wherein the discount value is determined from the discount means.

54. (Original) The device according to claim 49 wherein the discount value has a fixed value.

55. (Original) The device according to claim 49 wherein the discount value depends on the vend item.

56. (Original) The device according to claim 49 wherein the discount value depends on the time of the day.

57. (Original) The device according to claim 49 wherein the discount value depends on the group of vend items.

58. (Original) The discount device according to claim 49 further comprising:
a printing means for printing a coupon.

59 (Original) The discount device according to claim 49 wherein the printer is configured to print a coupon if no discount means is used to purchase the vend item.

60. (Original) The discount device according to claim 49 wherein the printer is configured to print a coupon that has a discount value greater than the discount value of the discount means used to purchase the vend item.

61. (Original) The device according to claim 51 wherein the information of the validated cash, the discount means, the vending price and the discount value are evaluated by the coin mechanism to determine whether the total value of the cash exceeds or equals the vending price less the discount value of the discount means.

62. (Original) The device according to claim 51 wherein the information of the validated cash, the discount means, the vending price and the discount value are evaluated by the control

means to determine whether the total value of the cash exceeds or equals the vending price less the discount value of the discount means.

63. (Original) A discount device for processing discounts on a vend item in a vending machine, causing to:

process a discount means having a discount value as a phantom coin signal,
discount the vend item according to the discount value associated with the phantom coin signal.

64. (Original) The discount device according to claim 63 wherein a coin mechanism configured to receive cash and the discount means processes the phantom coin signal to give a discount on the vend item.

65. (Original) The discount device according to claim 63 wherein a control means configured to control the vending of the vend item processes the phantom coin signal to give a discount on the vend item.

66. (Original) The discount device according to claim 63 wherein the device is networked to a central system configured to track and monitor information associated with the discount means.

67. (Original) The discount device according to claim 66 wherein the information associated with the discount means is calculated to produce the number of the discount means used, the type of items purchased with the discount means, and the location of the discount device.

68. (Original) The discount device according to claim 63 further causing to:

dispense a free vend item after processing the discount means when a code is entered on a keypad connected to the discount device.

69. (Original) The discount device according to claim 68 wherein the discount means is not returned after vending the free vend item.

70. (Original) The discount device according to claim 63 wherein the discount means is returned after dispensing the vend item discounted according to the phantom coin signal.

71. (New) The method of claim 1 wherein the discount means is inserted by a user into the automatic transaction machine.

72. (New) The method of claim 1 wherein the discount means comprises a token or card.